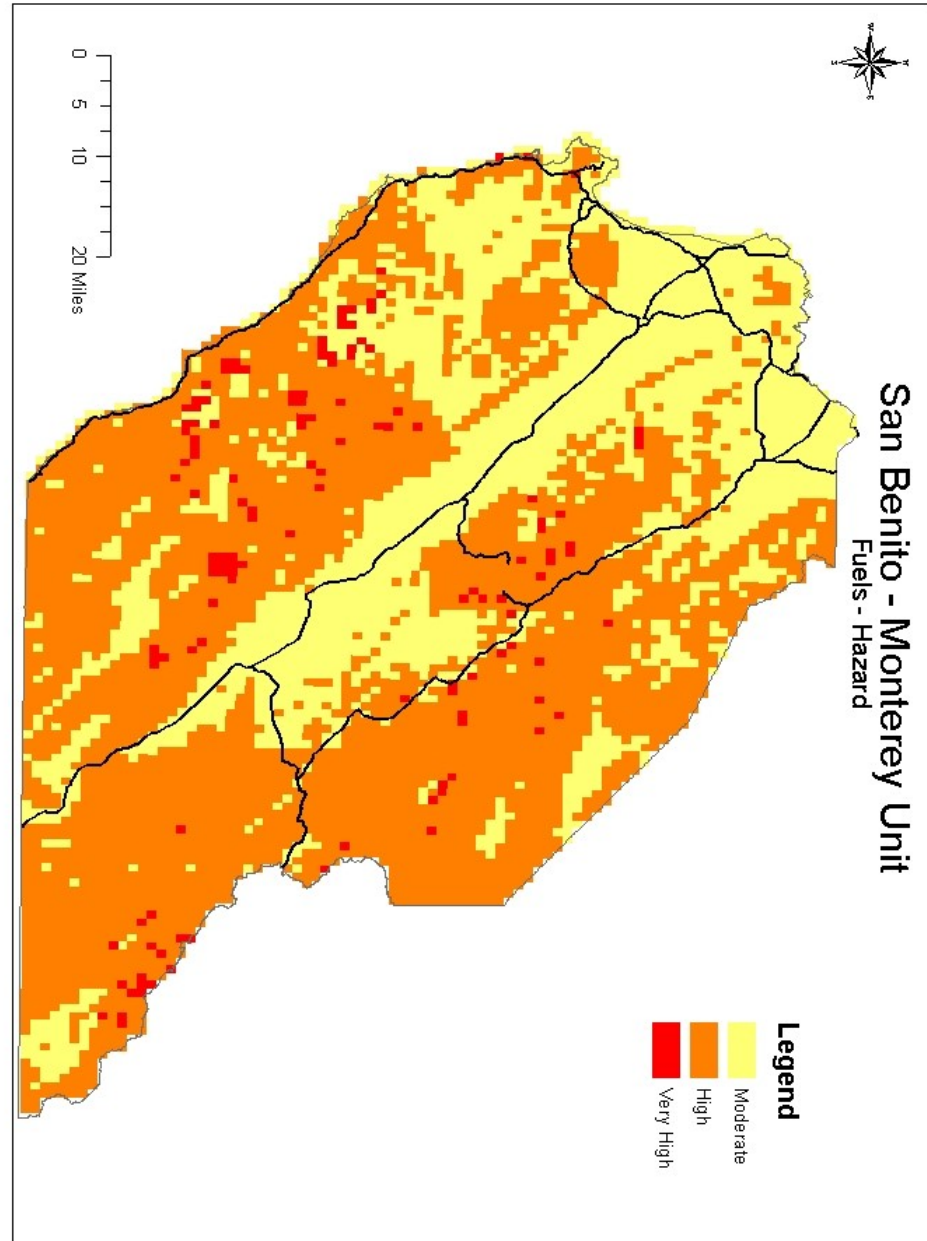


## Fuels

Four distinct wildland fuel types dominate the San Benito-Monterey Unit. As the map below depicts, topography and weather patterns seem to dictate the type of fuel in a specific area.



**Fuel Model 1 (annual grasses)**

Although inter-mixed with fuel model 4 (brush), this fuel model dominates the foothills of the eastern portion of the Unit. Extending from the Santa Clara County line southward along the foothills east of the Salinas valley, this fuel model represents more than fifty percent of the fuel types in the Unit.

**Fuel Model 2 (oak woodland)**

This fuel model is typically located on the north and east facing slopes of the Unit. It is predominant in the northeast, southeast and southwest areas of both San Benito and Monterey counties and typically aligned with Fuel model 4 (brush), on the opposite facing slopes.

**Fuel Model 4 (brush)**

While a substantial amount of brush is located in the foothills east of the Salinas Valley, in the area of the Pinnacles National Monument, the majority of this fuel type is found in the mountains west of the Salinas

Valley throughout the coastal range. Typically, it is found on south and western facing slopes in areas not used for cattle grazing. Brush can be found measuring over five feet in height, which corresponds to over 30 years of age.



#### **Fuel Model 9 (conifers)**

Conifers consisting of several species of pine and redwood are located in two distinct areas within the Unit, specifically, in the Fremont Peak area south of San Juan Bautista, and throughout the coastal mountains south of Monterey. The conifer forests extend into the Big Sur and Ventana Wilderness areas.

